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Education Information

Doctorate, Ege Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 2003 - 2006

Post Graduate, Ege Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 1999 - 2003

Under Graduate, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1995 - 1999

Dissertations

Doctorate, DNA'da meydana gelen bazı mutasyonların ve hibridizasyonun tayinine yönelik elektrokimyasal DNA biyosensörlerinin tasarımı, Ege Üniversitesi, Sağlık Bilimleri Enstitüsü Eczacılık Fakültesi, Analitik Kimya, 2006

Post Graduate, Elektrokimyasal hibridizasyon indikatörleri ve DNA biyosensörlerinde kullanılmasının incelenmesi, Ege Üniversitesi, Sağlık Bilimleri Enstitüsü Eczacılık Fakültesi, Analitik Kimya, 2003

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Analytical Chemistry, General Chemistry, Life Sciences, Biotechnology, Biomaterial, Biosensor, Molecular Biology and Genetics, Genetic Disorders, Chemistry, Analytical Chemistry, Bioanalytical Methods, Electromagnetic Methods, Pharmaceutical Analysis, Food Analysis, Sensors, Surface Analysis, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2012 - Continues

Assistant Professor, Ege Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2008 - 2012

Research Assistant, Ege Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2000 - 2008

Advising Theses

Yılmaz S., Arıksoysal D., İLAÇ-DNA ETKİLEŞİMLERİNİN TAYİNİNE YÖNELİK ELEKTROKİMYASAL NANOBIYOSENSÖRLERİN TASARIMI VE UYGULAMALARI, Doctorate, S.YANIK(Student), 2020

Arıksoysal D., Design of Electrochemical Nanobiosensors in the Application Kit Type for the Determination of DNA Sequences, Doctorate, H.Subak(Student), 2019

Arıksoysal D., THE DESIGN AND APPLICATIONS OF OPTICAL AND ELECTROCHEMICAL BIOSENSORS FOR GENETIC DISEASES AND MICROORGANISM DETECTION, Post Graduate, Y.UĞUR(Student), 2011

Jury Memberships

Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, August, 2019

Post Graduate, Tez Savunma Sınavı, Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü , July, 2018

Post Graduate, Tez Savunma Sınavı, Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü , June, 2016

Post Graduate, Tez Savunma Sınavı, Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü, June, 2016

Doctoral Examination, Doktora Yeterlik Sınavı Jurisi, Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü , February, 2016

Doctorate, Tez Savunma Sınavı, Ege Üniversitesi Sağlık Bilimleri Enstitüsü Eczacılık Fakültesi Analitik Kimya, June, 2013

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Label-free electrochemical biosensor for the detection of Influenza genes and the solution of guanine-based displaying problem of DNA hybridization**
SUBAK H., Ozkan-Ariksoysal D.
SENSORS AND ACTUATORS B-CHEMICAL, vol.263, pp.196-207, 2018 (Journal Indexed in SCI)
- II. **DNA-wrapped multi-walled carbon nanotube modified electrochemical biosensor for the detection of Escherichia coli from real samples**
Ozkan-Ariksoysal D., Kayran Y. U. , Yilmaz F. F. , CIUCU A. A. , DAVID I. G. , DAVID V., Hosgor-Limoncu M., Ozsoz M.
TALANTA, vol.166, pp.27-35, 2017 (Journal Indexed in SCI)
- III. **Cystic Fibrosis Mutation Detection with SPR Biosensor in Real Samples via Multiple Surfaces Binding Method**
KAYRAN Y. U. , Ozkan-Ariksoysal D., TOPKAYA S. N. , Kaymaz B. T. , Can B. K.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.20, pp.56-63, 2017 (Journal Indexed in SCI)
- IV. **Electrochemical Determination of Cystic Fibrosis Gene Mutation by Magnetic Beads-Based Disposable Kit-type Biosensor**
Ozkan-Ariksoysal D.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.164, 2017 (Journal Indexed in SCI)
- V. **Prostate Cancer Biomarker Detection with Carbon Nanotubes Modified Screen Printed Electrodes**
TOPKAYA S. N. , Ozkan-Ariksoysal D.
ELECTROANALYSIS, vol.28, pp.1077-1084, 2016 (Journal Indexed in SCI)
- VI. **A Ready-to-Use Electrochemical Kit Design for the Diagnosis of Single Nucleotide Polymorphisms**
KAYRAN Y. U. , Ozkan-Ariksoysal D., Tezcanli B., KOSOVA B., OZSOZ M.
ELECTROANALYSIS, vol.25, pp.2668-2676, 2013 (Journal Indexed in SCI)
- VII. **Electrochemical based detection of microRNA, mir21 in breast cancer cells**
Kilic T., TOPKAYA S. N. , Ariksoysal D., OZSOZ M., Ballar P., ERAÇ Y., GÖZEN O.
BIOSENSORS & BIOELECTRONICS, vol.38, pp.195-201, 2012 (Journal Indexed in SCI)
- VIII. **Electrochemical DNA biosensor for detecting cancer biomarker related to glutathione S-transferase P1 (GSTP1) hypermethylation in real samples**
TOPKAYA S. N. , Ozkan-Ariksoysal D., KOSOVA B., OZEL R., OZSOZ M.
BIOSENSORS & BIOELECTRONICS, vol.31, pp.516-522, 2012 (Journal Indexed in SCI)
- IX. **A nucleic acid-based electrochemical biosensor for the detection of influenza B virus from PCR samples using gold nanoparticle-adsorbed disposable graphite electrode and Meldola's blue as an intercalator**
Aydinlik S., Ozkan-Ariksoysal D., Kara P., Sayiner A. A. , Ozsoz M.
ANALYTICAL METHODS, vol.3, pp.1607-1614, 2011 (Journal Indexed in SCI)
- X. **New Electroactive Hybridization Indicators 2-Phthalimido-N-Substitutedphenylethanesulfonamide Derivatives for Biosensor Applications: Ring Substituent Effect on Interaction between Compound and DNA**
Ozkan-Ariksoysal D., AKGÜL Ö., AYDINLIK S., TOPKAYA S. N. , ALADAG N., OZSOZ M.
ELECTROANALYSIS, vol.22, pp.2225-2234, 2010 (Journal Indexed in SCI)

- XI. **Different DNA Immobilization Strategies for the Interaction of Anticancer Drug Irinotecan with DNA Based on Electrochemical DNA Biosensors**
TOPKAYA S. N. , AYDINLIK S., ALADAG N., OZSOZ M., Ozkan-Ariksoysal D.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.13, pp.582-589, 2010 (Journal Indexed in SCI)
- XII. **An Electrochemical DNA Biosensor for the Detection of the Apa I Polymorphism in the Vitamin D Receptor Gene Using Meldola's Blue as a Hybridization Indicator**
ALADAG N., Ozkan-Ariksoysal D., Gezen-Ak D., Yilmazer S., OZSOZ M.
ELECTROANALYSIS, vol.22, pp.590-598, 2010 (Journal Indexed in SCI)
- XIII. **Design and Development of a Novel Electrochemical DNA Biosensor for Rapid Molecular Identification of Enterococcus faecium**
Yean Yean C., Kamarudin B., ARIKSOYSAL D., Lee S. Y. , Lalitha P., ÖZSÖZ M. E. Ş. , Ravichandran M.
International Journal Of Infectious Diseases, vol.12, pp.59, 2008 (Journal Indexed in SCI Expanded)
- XIV. **Enzyme-linked amperometric electrochemical genosensor assay for the detection of PCR amplicons on a streptavidin-treated screen-printed carbon electrode**
YEAN C. Y. , KAMARUDIN B., Ozkan D., YIN L. S. , LALITHA P., ISMAIL A., OZSOZ M., RAVICHANDRAN M.
ANALYTICAL CHEMISTRY, vol.80, pp.2774-2779, 2008 (Journal Indexed in SCI)
- XV. **Design of electrochemical biosensor systems for the detection of specific DNA sequences in PCR-amplified nucleic acids related to the catechol-O-methyltransferase val1 08/158Met polymorphism based on intrinsic guanine signal**
Ozkan-Ariksoysal D., Tezcanli B., KOSOVA B., OZSOZ M.
ANALYTICAL CHEMISTRY, vol.80, pp.588-596, 2008 (Journal Indexed in SCI)
- XVI. **Label-free detection of telomerase activity using guanine electrochemical oxidation signal**
ESKIOCAK U., Ozkan-Ariksoysal D., OZSOZ M., OKTEM H. A.
ANALYTICAL CHEMISTRY, vol.79, pp.8807-8811, 2007 (Journal Indexed in SCI)
- XVII. **Label-free electrochemical hybridization genosensor for the detection of hepatitis B virus genotype on the development of lamivudine resistance**
Ariksoysal D., Karadeniz H., ERDEM A., SENGONUL A., SAYINER A., OZSOZ M.
ANALYTICAL CHEMISTRY, vol.77, pp.4908-4917, 2005 (Journal Indexed in SCI)
- XVIII. **Electrochemical genomagnetic assay for the detection of hepatitis B virus DNA in polymerase chain reaction amplicons by using disposable sensor technology**
ERDEM A., ARIKSOYSAL D., KARADENIZ H., Kara P., SENGONUL A., SAYINER A., OZSOZ M.
ELECTROCHEMISTRY COMMUNICATIONS, vol.7, pp.815-820, 2005 (Journal Indexed in SCI)
- XIX. **Disposable electrochemical enzyme-amplified genosensor for Salmonella bacteria detection**
DEL GIALLO M., Ariksoysal D., MARRAZZA G., MASCINI M., OZSOZ M.
ANALYTICAL LETTERS, vol.38, pp.2509-2523, 2005 (Journal Indexed in SCI)
- XX. **Electrochemical genosensor for Mitomycin C-DNA interaction based on guanine signal**
Ozkan D., Karadeniz H., Erdem A., MASCINI M., OZSOZ M.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.35, pp.905-912, 2004 (Journal Indexed in SCI)
- XXI. **Electrochemical detection of specific DNA sequences from PCR amplicons on carbon and mercury electrodes using Meldola's Blue as an intercalator**
KERMAN K., OZKAN D., Kara P., KARADENIZ H., OZKAN Z., ERDEM A., JELEN F., OZSOZ M.
TURKISH JOURNAL OF CHEMISTRY, vol.28, pp.523-533, 2004 (Journal Indexed in SCI)
- XXII. **Detection of achondroplasia G380R mutation from PCR amplicons by using inosine modified carbon electrodes based on electrochemical DNA chip technology**
KARA P., OZKAN D., ERDEM A., KERMAN K., PEHLIVAN S., Ozkinay F. F. , UNUVAR D., ITIRLI G., OZSOZ M.
CLINICA CHIMICA ACTA, vol.336, pp.57-64, 2003 (Journal Indexed in SCI)
- XXIII. **Clay/sol-gel-modified electrodes for the selective electrochemical monitoring of 2,4-dichlorophenol**
OZSOZ M., ERDEM A., Ozkan D., KERMAN K., PINNAVAIA T.
LANGMUIR, vol.19, pp.4728-4732, 2003 (Journal Indexed in SCI)
- XXIV. **Label-free bioelectronic detection of point mutation by using peptide nucleic acid probes**

- KERMAN K., OZKAN D., Kara P., ERDEM A., MERIC B., NIELSEN P., OZSOZ M.
ELECTROANALYSIS, vol.15, pp.667-670, 2003 (Journal Indexed in SCI)
- XXV. **Electrochemical biosensor for the detection of interaction between arsenic trioxide and DNA based on guanine signal**
OZSOZ M., ERDEM A., Kara P., KERMAN K., OZKAN D.
ELECTROANALYSIS, vol.15, pp.613-619, 2003 (Journal Indexed in SCI)
- XXVI. **Electrochemical genosensor based on colloidal gold nanoparticles for the detection of Factor V Leiden mutation using disposable pencil graphite electrodes**
OZSOZ M., Erdem A., KERMAN K., Ozkan D., TUGRUL B., TOPCUOGLU N., EKREN H., TAYLAN M.
ANALYTICAL CHEMISTRY, vol.75, pp.2181-2187, 2003 (Journal Indexed in SCI)
- XXVII. **Allele-specific genotype detection of factor V Leiden mutation from polymerase chain reaction amplicons based on label-free electrochemical genosensor**
OZKAN D., ERDEM A., Kara P., KERMAN K., MERIC B., HASSMANN J., OZSOZ M.
ANALYTICAL CHEMISTRY, vol.74, pp.5931-5936, 2002 (Journal Indexed in SCI)
- XXVIII. **Label-free and label based electrochemical detection of hybridization by using methylene blue and peptide nucleic acid probes at chitosan modified carbon paste electrodes**
Kara P., KERMAN K., OZKAN D., MERIC B., ERDEM A., NIELSEN P., OZSOZ M.
ELECTROANALYSIS, vol.14, pp.1685-1690, 2002 (Journal Indexed in SCI)
- XXIX. **Electrochemical biosensor for the interaction of DNA with the alkylating agent 4,4-dihydroxy chalcone based on guanine and adenine signals**
MERIC B., KERMAN K., OZKAN D., Kara P., ERDEM A., KUCUKOGLU O., ERCIYAS E., OZSOZ M.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.30, pp.1339-1346, 2002 (Journal Indexed in SCI)
- XXX. **DNA and PNA sensing on mercury and carbon electrodes by using methylene blue as an electrochemical label**
OZKAN D., Kara P., KERMAN K., MERIC B., ERDEM A., JELEN F., NIELSEN P., OZSOZ M.
BIOELECTROCHEMISTRY, vol.58, pp.119-126, 2002 (Journal Indexed in SCI)
- XXXI. **Electrochemical detection of hybridization using peptide nucleic acids and methylene blue on self-assembled alkanethiol monolayer modified gold electrodes**
OZKAN D., ERDEM A., Kara P., KERMAN K., GOODING J., NIELSEN P., OZSOZ M.
ELECTROCHEMISTRY COMMUNICATIONS, vol.4, pp.796-802, 2002 (Journal Indexed in SCI)
- XXXII. **Indicator-free electrochemical DNA biosensor based on adenine and guanine signals**
MERIC B., KERMAN K., OZKAN D., Kara P., OZSOZ M.
ELECTROANALYSIS, vol.14, pp.1245-1250, 2002 (Journal Indexed in SCI)
- XXXIII. **Electrochemical genosensor for the detection of interaction between methylene blue and DNA**
Kara P., KERMAN K., OZKAN D., MERIC B., ERDEM A., OZKAN Z., OZSOZ M.
ELECTROCHEMISTRY COMMUNICATIONS, vol.4, pp.705-709, 2002 (Journal Indexed in SCI)
- XXXIV. **DNA sensing on glassy carbon electrodes by using hemin as the electrochemical hybridization label**
Kara P., OZKAN D., KERMAN K., MERIC B., ERDEM A., OZSOZ M.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.373, pp.710-716, 2002 (Journal Indexed in SCI)
- XXXV. **Voltammetric determination of DNA hybridization using methylene blue and self-assembled alkanethiol monolayer on gold electrodes**
Kerman K., Ozkan D., Kara P., Meric B., Gooding J., Ozsoz M.
ANALYTICA CHIMICA ACTA, vol.462, pp.39-47, 2002 (Journal Indexed in SCI)
- XXXVI. **Heterostructured fluorohectorite clay as an electrochemical sensor for the detection of 2,4-dichlorophenol and the herbicide 2,4-D**
OZKAN D., KERMAN K., MERIC B., Kara P., DEMIRKAN H., POLVEREJAN M., PINNAVAIA T., OZSOZ M.
CHEMISTRY OF MATERIALS, vol.14, pp.1755-1761, 2002 (Journal Indexed in SCI)
- XXXVII. **Electrochemical DNA biosensor for the detection of TT and Hepatitis B virus from PCR amplified real samples by using methylene blue**
MERIC B., KERMAN K., OZKAN D., Kara P., ERENDOY S., AKARCA U. S., MASCINI M., OZSOZ M.

- TALANTA, vol.56, pp.837-846, 2002 (Journal Indexed in SCI)
- XXXVIII. **Performance of precision G blood glucose analyzer with a new test strip G2b on neonatal samples**
MERIC B., KILICASLAN N., KERMAN K., Ozkan D., KURUN U., AKSU N., OZSOZ M.
CLINICAL CHEMISTRY, vol.48, pp.179-180, 2002 (Journal Indexed in SCI)
- XXXIX. **DNA biosensor for Microcystis spp. sequence detection by using methylene blue and ruthenium complex as electrochemical hybridization labels**
ERDEM A., KERMAN K., MERIC B., OZKAN D., Kara P., OZSOZ M.
TURKISH JOURNAL OF CHEMISTRY, vol.26, pp.851-862, 2002 (Journal Indexed in SCI)
- XL. **Electrochemical DNA biosensor for the determination of benzo[a]pyrene-DNA adducts**
KERMAN K., MERIC B., OZKAN D., Kara P., ERDEM A., OZSOZ M.
ANALYTICA CHIMICA ACTA, vol.450, pp.45-52, 2001 (Journal Indexed in SCI)
- XLI. **Incorporation of EDTA for the elimination of metal inhibitory effects in an amperometric biosensor based on mushroom tissue polyphenol oxidase**
Erdem A., Ozkan D., MERIC B., KERMAN K., OZSOZ M.
TURKISH JOURNAL OF CHEMISTRY, vol.25, pp.231-239, 2001 (Journal Indexed in SCI)
- XLII. **Ion-selective membrane electrode for the determination of a novel phenylpiperazine antidepressant, nefazodone**
Erdem A., Ozkan D., KERMAN K., MERIC B., DALBASTI T., OZSOZ M.
TURKISH JOURNAL OF CHEMISTRY, vol.24, pp.353-360, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Electrochemical Investigation of Carbon Nanotube Modified Surfaces Based on Ferricyanide and Guanine Signals for DNA Biosensor Applications**
Ariksoysal D.
Cumhuriyet Science Journal, vol.40, pp.11-23, 2019 (National Refreed University Journal)
- II. **Nükleik Asit Temelli Alternatif Analiz Yöntemleri "Biyolojik Yarıiletkenler" (Biyosensörler) (Nucleic Acid Based Alternative Analysis Methods "Biosensors")**
ARIKSOYSAL D., DOĞAN-TOPAL B., TOPKAYA S. N.
TÜRK FARMAKOPE DERGİSİ, vol.3, pp.63-84, 2018 (Other Refreed National Journals)

Books & Book Chapters

- I. **New diagnostic approaches in optical DNA biosensors**
Ariksoysal D., Özsöz M. E. Ş.
in: Biosensors and Their Applications in Healthcare, Dilsat Ozkan-Ariksoysal, Gino D'Oca, Editor, Future Science Ltd., London, pp.113-126, 2013
- II. **Electrochemical DNA Biosensors for Detection of Compound-DNA interactions**
ARIKSOYSAL D., KARA KADAYIFCILAR P., ÖZSÖZ M. E. Ş.
in: Electrochemical DNA Biosensors, Mehmet ÖZSÖZ, Editor, Pan Stanford Publishing Pte. Ltd., pp.379-402, 2012
- III. **Electrochemical Nucleic Acid Biosensors based on Hybridization Detection for Clinical Analysis**
KARA KADAYIFCILAR P., ARIKSOYSAL D., ÖZSÖZ M. E. Ş.
in: Electrochemical DNA Biosensors, Mehmet ÖZSÖZ, Editor, Pan Stanford Publishing Pte. Ltd., 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Detection of Cystic Fibrosis Gene Mutation by using Biosensor-based Electrochemical Diagnostic Kit**
Ariksoysal D.

1st International Conference on Preventive Medicine, Antalya, Turkey, 12 November 2019, pp.29-30

- II. **A HIGHLY SENSITIVE ELECTROCHEMICAL NANOBIOSENSOR FOR THE ANALYSIS OF DNA SEQUENCES BASED ON MELDOLA'S BLUE AND CARBON NANOTUBES**
SUBAK H., ARIKSOYSAL D.
XX. Euroanalysis 2019, International Conference, Düzenleyici: Türk Kimya Derneği, European Chemical Sciences ve Ankara Üniversitesi. İstanbul University, 1-5 September 2019, İstanbul Turkey., 1 - 05 September 2019
- III. **An Electrochemical Nanobiosensor For Sensitive Determination Of Drug Effect On Cancer-Related DNA**
Yanık S., ARIKSOYSAL D., YILMAZ S.
XX. Euroanalysis 2019, International Conference, Düzenleyici: Türk Kimya Derneği, European Chemical Sciences ve Ankara Üniversitesi. İstanbul University, 1-5 September 2019, İstanbul Turkey, 1 - 05 September 2019
- IV. **A HIGHLY SENSITIVE ELECTROCHEMICAL NANOBIOSENSOR FOR THE ANALYSIS OF PRANGOS MELIOPARPOIDES AND DNA INTERACTION**
SUBAK H., DALAR A., ARIKSOYSAL D.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- V. **Electrochemical investigation of Carbon Nanotube modified Surfaces based on ferricyanide and guanine signals for DNA biosensor applications**
Ariksoysal D.
International Trace Analysis Congress, ITAC 2018, Sivas, Turkey, 20 June 2018, pp.36
- VI. **DNA-wrapped carbon nanotube modified electrochemical genosensor for the detection of Escherichia coli from real samples**
Ariksoysal D., Kayran Y. U. , Yılmaz F. F. , Ciucu A. A. , David I. G. , David V., Hoşgör Limoncu M., Özsoz M.
International Conference on Bioelectrochemistry and Bioelectronics of Macromolecules (JW70), Brno, Czech Republic, 12 June 2018, pp.58-59
- VII. **DNA-decorated multi-walled carbon nanotube(MWCNT)-modified biosensor for the detection of DNA sequence related to the Influenza B virus DNA**
Subak H., Ariksoysal D.
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Turkey, 09 May 2018, pp.113
- VIII. **Electrochemical Detection of Interaction between Verbascum sp and DNA by using Disposable Biosensors**
SUBAK H., Dalar A., Ozkan-Ariksoysal D.
26th Anniversary World Congress on Biosensors (Biosensors), Gothenburg, Sweden, 25 - 27 May 2016, vol.27, pp.143
- IX. **Electrochemical Detection of Interaction between Plantago Anatolica and DNA by using Disposable Biosensors**
Subak H., Dalar A., Ariksoysal D.
3rd International Congress on Biosensors, Ankara, Turkey, 05 October 2016
- X. **Electrochemical DNA Biosensors for Medical Applications**
Ariksoysal D.
International Conference: 10th Aegean Analytical Chemistry Days, AACD., Çanakkale, Turkey, 29 September 2016, pp.61
- XI. **Electrochemical DNA Nanobiosensors for the Detection of Anticancer Drugs and DNA Interactions**
Yanık S., Ariksoysal D., Ülker Çakır D., Koral L., Yılmaz S.
10th Aegean Analytical Chemistry Days, AACD 2016, Çanakkale, Turkey, 29 September 2016, pp.395
- XII. **Sempervivum davisii Muirhead ile DNA Arasındaki Etkileşimin Tayinine Yönelik Elektrokimyasal DNA Biosensörü Geliştirilmesi**
SUBAK H., Dalar A., ARIKSOYSAL D.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2016), Trabzon, Turkey, 31 August 2016, pp.225
- XIII. **Nanobiosensors in Clinical Chemistry**
ARIKSOYSAL D.
BIOMATSEN International Congress on Biomaterials & Biosensors, İstanbul, Turkey, 01 June 2016

- XIV. **A Ready to use Electrochemical Kit Design for the Diagnosis of Single Nucleotide Polymorphisms**
Subak H., Ariksoysal D., Özsöz M. E. Ş. , Kosova B., Tezcanlı Kaymaz B.
26th Anniversary World Congress on Biosensors, Biosensors 2016, Gothenburg, Sweden, 25 - 27 May 2016
- XV. **Label-free and Nanomaterial-based DNA Analysis for the Detection of Genetic Disorders with Electrochemical Biosensors**
Ariksoysal D.
2nd International Congress on Biosensors, İzmir, Turkey, 10 June 2015
- XVI. **Electrochemical Detection and Discrimination of Influenza A and B Viruses based on DNA Hybridization by using Nanobiosensors**
SUBAK H., ARIKSOYSAL D.
11th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 09 June 2015, pp.83-84
- XVII. **Electrochemical Detection of Interaction between Anticancer Drug "Mitomycin C" and DNA with Nanomaterial Modified Disposable Biosensors**
Subak H., Ariksoysal D.
2nd International Congress on Biosensors, İzmir, Turkey, 10 June 2015
- XVIII. **Nanomaterial-based DNA Analysis with Electrochemical and Optical Biosensors**
Ariksoysal D.
10. Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-10), İstanbul, Turkey, 17 June 2014, pp.39
- XIX. **Nanomaterial Based Electrochemical Genosensors for Pathogen Detection**
Kayran Y. U. , Ariksoysal D.
I. Uluslar arası Katılımlı Elektrokimya Çalıştayı, Muğla, Turkey, 23 June 2013, pp.49-50
- XX. **The Methods for the Detection of Telomerase enzyme activity**
Emir C., Ariksoysal D.
1st International Pharmacy Graduation Projects Symposium, Lefkoşa, Cyprus (Kkctc), 15 - 16 June 2012
- XXI. **Electrochemical DNA Biosensors for Microbiological Agent Detection**
Ariksoysal D., Yasin Uğur K., Topkaya S. N. , Kılıç T., Emir C., Özsöz M. E. Ş.
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011
- XXII. **Carbon Nanotube Modified Electrochemical Genosensor For the Detection of Microorganisms**
YASİN UĞUR k., ARIKSOYSAL D., ŞEYMA a., TOPKAYA S. N. , KILIÇ T., EMİR C., ÖZSÖZ M. E. Ş.
9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011
- XXIII. **VOLTAMMETRIC ANALYSIS OF XANTHINE DERIVATIVES AT THE GRAPHITE ELECTRODE. EFFECT OF COPPER IONS**
Jelen F., KAYRAN Y. U. , Trnkova L., ARIKSOYSAL D., ÖZSÖZ M.
XXI International Symposium On Bioelectrochemistry and Bioenergetics, Cracow, Poland, 08 May 2011
- XXIV. **NON-COVALENT BONDING OF DNA WITH SWNT VIA NAFION RESIN ON GOLD-SCREEN PRINTED ELECTRODE**
ÖZSÖZ M., Stamatini I., Ciucu A., Andronie A., Iordache S., ARIKSOYSAL D., Aydınlik Ş., David V., David I.
Confocal Raman Imaging- The full spectrum of cutting-edge applications and Techniques, Ulm, Germany, 05 October 2010
- XXV. **Effect of Different Immobilization Methods for DNA on the Development of Electrochemical DNA Biosensors**
Topkaya S. N. , Aydınlik Ş., Aladağ N., Kayran Y. U. , Özsöz M., Ariksoysal D.
International Post-Graduate Student Meeting on Pharmaceutical Sciences (IPSMPS 2010), İzmir, Turkey, 24 June 2010, pp.55
- XXVI. **Polimeraz zincir reaksiyonu (PCR) Ürünlerinin Elektrokimyasal DNA Biyosensör Teknolojisi ile Analizi**
Ariksoysal D., Özsöz M.
5.Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 June 2010, pp.31
- XXVII. **Electrochemical Detection of Influenza A virus based on DNA Hybridization by using Voltammetric and Impedance Biosensors**
ARIKSOYSAL D., Meriç B., Aladağ N., ÖZSÖZ M.

6. Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-VI), İzmir, Turkey, 15 June 2010

- XXVIII. **Enzyme-Linked Amperometric Electrochemical Genosensor Assay for the Detection of PCR Amplicons related to vibrio cholerae on a disposable screen-printed carbon electrode**
Yean Yean C., Kamauridin B., Ariksoysal D., Lee S. Y., Lalitha P., Ismail A., Özsöz M., Ravichandran M.
8th International Electrochemistry Meeting, Antalya, Turkey, 08 October 2009, pp.34
- XXIX. **An electrochemical DNA biosensor for the detection of the Cdx 2 polymorphism in the vitamin D receptor gene using Meldola's blue as a hybridization indicator**
Aladağ N., TOPKAYA S. N., Aydınlık Ş., ARIKSOYSAL D., ÖZSÖZ M. E. Ş.
BIOMED 2009 - 15th International Biomedical Science and Technology Symposium, 16 - 19 August 2009
- XXX. **Design of electrochemical biosensor systems for the detection of specific DNA sequences and mutations based on intrinsic guanine signal**
Ariksoysal D., Kaymaz B., Kosova B., Özsöz M.
9th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 23 - 26 June 2009, pp.87
- XXXI. **Interaction of DNA and Herbal Extract Isolated from Artemisia campestris using Nucleic Acid based Electrochemical Biosensor**
TOPKAYA S. N., Aladağ N., Aydınlık Ş., BAYKAN Ş., ARIKSOYSAL D., ÖZSÖZ M.
NanoTR-V, Ulusal Nanobilim ve Nanoteknoloji Konferansı, Eskişehir, Turkey, 08 June 2009, pp.346
- XXXII. **Design and Development of a Novel Electrochemical DNA Biosensor for Rapid Molecular Identification of Enterococcus faecium**
Yean Yean C., Kamauridin B., Ariksoysal D., Lee S. Y., Lalitha P., Özsöz M., Ravichandran M.
13th International Congress on Infectious Diseases, Kuala-Lumpur, Malaysia, 19 June 2008, pp.12
- XXXIII. **Electrochemical Biosensor for the Interaction of DNA and β -Ftalimido-N-feniletansülfonamide**
ARIKSOYSAL D., Cin I., Maraba Y., AKGÜL Ö., PABUÇÇUOĞLU M. V., ÖZSÖZ M.
NanoTR-III Nanobilim ve Nanoteknoloji Konferansı, Ankara, Turkey, 11 June 2007, pp.89
- XXXIV. **The Electrochemical Detection of Gold Nanoparticles Behaviors Using DNA Biosensor Technology**
ARIKSOYSAL D., Aladağ N., Meriç B., ÖZSÖZ M.
NanoTR-III Nanobilim ve Nanoteknoloji Konferansı, Ankara, Turkey, 11 June 2007, pp.165
- XXXV. **Salmonella choleraesuis subsp. Choleraesuis bakterisinin moleküler tayinine yönelik elektrokimyasal DNA biyosensörü tasarımı**
DelGiallo M. L., ARIKSOYSAL D., Marrazza G., Mascini M., ÖZSÖZ M.
7.Elektrokimya Günleri, Ankara, Turkey, 28 June 2006, pp.19
- XXXVI. **Elektrokimyasal DNA Biyosensörle**
ÖZSÖZ M. E. Ş., ERDEM GÜRSAN K. A., ARIKSOYSAL D., KARA KADAYIFÇILAR P., YALÇIN G., Çavdar S., Meriç B.
7.Elektrokimya Günleri toplantısı Hacettepe Üniversitesi Fen Fakültesi, Kimya Bölümü, Turkey, 28 - 30 June 2006
- XXXVII. **Use of carbon nanotubes in biosensor system for signal enhancement**
ARIKSOYSAL D., ÖZSÖZ M., KARA KADAYIFÇILAR P., YALÇIN G., Çavdar S., Meric B.
8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Ankara, Turkey, 13 June 2006, pp.281
- XXXVIII. **Electrochemical Biosensor for the interaction of DNA and antitumoral and cytotoxic chalcone derivatives**
Yalçın G., Çizmecioglu M. M., Kara Kadayıfçılar P., Ariksoysal D., Çavdar S., Meric B., Söğüt Ö., Özsöz M.
8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Ankara, Turkey, 13 June 2006, pp.300
- XXXIX. **Electrochemical DNA biosensors**
ÖZSÖZ M. E. Ş., ERDEM GÜRSAN K. A., ARIKSOYSAL D., KARA KADAYIFÇILAR P., KARADENİZ H., YALÇIN G., Cavdar S., Meric B.
ISOPS 8th International Symposium on Pharmaceutical Sciences, 13 - 16 June 2006
- XL. **Electrochemical DNA Biosensors**
ÖZSÖZ M. E. Ş., ERDEM GÜRSAN K. A., ARIKSOYSAL D., KARA KADAYIFÇILAR P., KARADENİZ H.
4th International Conference on Instrumental Methods of Analysis Modern Trends and Applications, IMA 2005, 2 - 06 October 2005
- XLI. **Elektrokimyasal DNA Biyosensörleri**
ÖZSÖZ M. E. Ş., ERDEM GÜRSAN K. A., ARIKSOYSAL D., KARA KADAYIFÇILAR P., KARADENİZ H.

XIV Ulusal Biyoteknoloji Kongresi, Biyoteknoloji Derneği ve Osmangazi Üniversitesi, Turkey, 31 August - 02 September 2005

- XLII. **An overview to electrochemical genosensors combined with particles**
ERDEM GÜRSAN K. A. , KARADENİZ H., ARIKSOYSAL D., KARA KADAYIFCILAR P., ÖZSÖZ M.
FEBS Summer School Chemistry meets Biology, International Summer School for Postdoctoral Scientists and Advanced Students, Sepetses, Greece, 17 July 2005
- XLIII. **Elektrokimyasal DNA Biosensörleri**
ÖZSÖZ M., ERDEM GÜRSAN K. A. , ARIKSOYSAL D., KARA KADAYIFCILAR P., KARADENİZ H.
6.Elektrokimya Günleri, Eskişehir, Turkey, 29 June 2005, pp.16
- XLIV. **Determination of the interaction between some mannich bases and DNA at the carbon paste electrode surface using electrochemical biosensor**
Şahinci F., Gül H. İ. , Ariksoysal D., Özsöz M., Erciyas E., Küçükoğlu Ö.
2nd International Meeting on Medicinal and Pharmaceutical Chemistry, IMMPC-2, Antalya, Turkey, 10 October 2004, pp.36
- XLV. **Electrochemical Monitoring of 2,4 Dichlorophenol Based on Clay Modified Electrodes**
Erdem Gürsan K. A. , Ariksoysal D., Pinnavaia T. J. , Özsöz M.
IAEAC: The 6th Workshop on Biosensors and Bioanalytical μ -Techniques in Environmental and Clinical Analysis, Rome, Italy, 08 October 2004, pp.11
- XLVI. **Electrochemical DNA biosensors for the detection of infectious and inherited diseases considering public health and environment**
Girousi S., Ariksoysal D., Özsöz M.
International Society of Electrochemistry – 55th Annual Meeting, Thessaloniki, Greece, 19 September 2004
- XLVII. **Elektrokimyasal DNA biosensörleri ve yeni gelişmeler**
ÖZSÖZ M., ERDEM GÜRSAN K. A. , ARIKSOYSAL D., KARA KADAYIFCILAR P., KARADENİZ H., Karaşahin B.
II. Uluslararası Moleküler Tanı ve Uygulamaları Sempozyumu, İzmir, Turkey, 10 May 2004, pp.12
- XLVIII. **Electrochemical DNA Biosensor for the detection of Mitomycin C and DNA interaction**
Ariksoysal D.
Thematic workshop on international cooperation programmes, Organisation for the Prohibition of Chemical Weapons, The Hague, Netherlands, 17 October 2003, pp.2
- XLIX. **Novel advances in electrochemical genosensor based on gold nanoparticles**
ÖZSÖZ M., ERDEM GÜRSAN K. A. , Kerman K., Meric B., ARIKSOYSAL D., KARA KADAYIFCILAR P.
3rd International Conference; Instrumental Methods of Analysis Modern Trends and Applications (IMA 2003), Selanik, Greece, 23 September 2003, pp.195-198
- L. **The detection of Achondroplasia G380R Mutation by using electrochemical DNA biosensor**
KARA KADAYIFCILAR P., ARIKSOYSAL D., ERDEM GÜRSAN K. A. , Kerman K., Pehlivan S., ÖZKINAY F. F. , Ünüvar D., İtirlı G., ÖZSÖZ M.
7th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 24 June 2003, pp.164
- LI. **Novel approaches for electrochemical DNA biosensors**
ÖZSÖZ M., ERDEM GÜRSAN K. A. , Kerman K., ARIKSOYSAL D., KARA KADAYIFCILAR P., Meric B., ŞAHİNCİ F., GÜLMEZ B., KARADENİZ H.
7th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 24 June 2003, pp.125
- LII. **Disposable electrochemical DNA biosensor based on colloidal gold nanoparticles for the detection of short DNA sequences related to the hepatitis B virus using synthetic PCR and sandwich assay model**
ARIKSOYSAL D., ERDEM GÜRSAN K. A. , KARA KADAYIFCILAR P., Şahinci F., Gülmez B., KARADENİZ H., ÖZSÖZ M.
7th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 24 June 2003, pp.162
- LIII. **Indicator based and indicator-free electrochemical DNA biosensors**
Kerman K., Meric B., ARIKSOYSAL D., KARA KADAYIFCILAR P., ÖZSÖZ M. E. Ş.
23rd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, 25 October - 28 November 2001
- LIV. **Determination of Benzo[a]pyrene – DNA Adducts by Using Electrochemical DNA Biosensor**
Kerman K., Meric B., ARIKSOYSAL D., KARA KADAYIFCILAR P., ERDEM GÜRSAN K. A. , ÖZSÖZ M.

BIOMED 8, 8th Biomedical Science and Technology Symposium, Ankara, Turkey, 05 September 2001

- LV. Electrochemical Determination of Interaction Between An Alkylating Anticancer Agent and DNA In Solution and At The Surface**
ERDEM GÜRSAN K. A. , Kerman K., ARIKSOYSAL D., Küçüköglü Ö., ERCİYAS E., ÖZSÖZ M.
The 200 th Meeting of the Electrochemical Society and the 52 th meeting of the International Society of Electrochemistry, San Francisco, United States Of America, 02 September 2001, pp.563-572
- LVI. ElektrokimyasalDNABiyosensörleri**
Güngör S., Karakaya N., Kerman K., Meric B., ARIKSOYSAL D., KARA KADAYIFCILAR P., ÖZSÖZ M. E. Ş.
III.ULUSAL Veteriner Hekimliği Öğrencileri Araştırma Kongresi, İstanbul Üniversitesi Veteriner Fakültesi Bilimsel Araştırma Kulübü, Turkey, 10 - 12 May 2001
- LVII. DNA biosensors and DNA microarray system in Future**
ERDEM GÜRSAN K. A. , ARIKSOYSAL D., Kerman K., Meric B., ÖZSÖZ M.
XVI. Ulusal Biyokimya Kongresi, İzmir, Turkey, 23 October 2000
- LVIII. A Clinical Evaluation of Precision G Blood Glucose Analyzer with a New Test Strip G2b in a Neonatal Unit**
Meriç B., Kılıçarslan N., Ariksoysal D., Kurun Ü., Aksu N., Özsöz M.
XVI. Ulusal Biyokimya Kongresi, İzmir, Turkey, 23 October 2000, pp.24
- LIX. Electrochemical DNA biosensor**
ERDEM GÜRSAN K. A. , Kerman K., Meric B., ARIKSOYSAL D., AKARCA U. S. , ÖZSÖZ M. E. Ş.
7th BIOMED 2000 International Symposium on Biomedical Science and Technology, 25 - 27 September 2000
- LX. Electrochemical Determination of Benzo[a]pyrene-DNA adducts by using DNA biosensor**
ERDEM GÜRSAN K. A. , Meric B., Kerman K., ARIKSOYSAL D., KARA KADAYIFCILAR P., ÖZSÖZ M., Alçıl P., Karaşahin B., Özkan Z., Palandüz N., et al.
IPORSIP-2000 Abstracts, The 2nd International Postgraduate Research Symposium on Pharmaceutics, İzmir, Turkey, 06 September 2000, pp.130
- LXI. Methylene Blue as a Novel Electrochemical Hybridization Indicator for DNA biosensor**
ERDEM GÜRSAN K. A. , Kerman K., Meriç B., ARIKSOYSAL D., ÖZSÖZ M.
DNA Structure and interactions Their Biological Roles and Implications in Biomedicine and Biotechnologies, Brno, Czech Republic, 19 June 2000
- LXII. Polifenol Oksidaz İçeren Mantar Dokusunu Enzim Kaynağı Olarak Kullanan Biyosensör ile Amperometrik Fenol Tayini ve Metal İnhibisyonunun EDTA ile Eliminasyonu**
Erdem Gürsan K. A. , Kerman K., Meriç B., Ariksoysal D., Özsöz M., Armağan V., Gür S., Gür S., Karadeniz H.
Biomed-6 - 6. Uluslar arası Katılımlı Biyomedikal Bilim ve Teknoloji Sempozyumu, İzmir, Turkey, 06 October 1999, pp.47

Supported Projects

Ariksoysal D., Yılmaz S., Yanık S., Project Supported by Higher Education Institutions, İlaç-DNA Etkileşimlerinin Tayinine Yönelik Elektrokimyasal Nanobiyosensörlerin Tasarımı Ve Uygulamaları , 2017 - 2020

ARIKSOYSAL D., SUBAK H., DALAR A., Project Supported by Higher Education Institutions, BİTKİ EKSTRAKTI-DNA ETKİLEŞİMLERİNİN ANALİZİNE YÖNELİK ELEKTROKİMYASAL BİYOSENSÖR TASARIMI VE UYGULAMALARI, 2016 - 2019

Ariksoysal D., Özveren N., Project Supported by Higher Education Institutions, DNA mutasyonu analizlerine yönelik elektrokimyasal ve optik biyosensörlerin tasarımı12 ECZ 033, 2012 - 2016

ARIKSOYSAL D., Project Supported by Higher Education Institutions, DNA MUTASYONU ANALİZLERİNE YÖNELİK ELEKTROKİMYASAL VE OPTİK BİYOSENSÖRLERİN TASARIMI, 2012 - 2016

ARIKSOYSAL D., Project Supported by Higher Education Institutions, NÜKLEİK ASİDE DAYALI ELEKTROKİMYASAL BİYOSENSÖRLER İLE HİBRİDİZASYON ALGILAMASINA AİT YÖNTEMLERİN GELİŞTİRİLMESİ VE UYGULANMASI, 2011 - 2014

Ariksoysal D., Kayran Y. U. , Project Supported by Higher Education Institutions, Optik ve Elektrokimyasal DNA Biyosensörlerinin Genetik Hastalık Ve Mikroorganizma Tayinine Yönelik Tasarımı Ve Uygulamaları10 ECZ 022, 2011 -

2013

Ariksoysal D., Topkaya S. N. , Project Supported by Higher Education Institutions, Nükleik aside dayalı elektrokimyasal biyosensörler ile hibridizasyon algılanmasına ait yöntemlerin geliştirilmesi ve uygulanması 11 ECZ 023, 2011 - 2013

Ariksoysal D., Kayran Y. U. , Project Supported by Higher Education Institutions, Gen Dizilerinin Analizine Yönelik Optik Biyosensör Tasarımı 10 ECZ 019, 2011 - 2013

ARIKSOYSAL D., Project Supported by Higher Education Institutions, OPTİK VE ELEKTROKİMYASAL DNA BİYOSENSÖRLERİNİN GENETİK HASTALIK VE MİKROORGANİZMA TAYİNİNE YÖNELİK TASARIMI VE UYGULAMALARI, 2010 - 2013

ARIKSOYSAL D., Project Supported by Higher Education Institutions, GEN DİZİLERİNİN ANALİZİNE YÖNELİK OPTİK BİYOSENSÖR TASARIMI, 2010 - 2013

Ariksoysal D., Özsöz M. E. Ş. , TÜBİTAK International Bilateral Joint Cooperation Program Project, Nucleic Acid Based Biosensors For Detection Of Biological Agents By Using Carbon Electrode Materials, 2010 - 2012

Ariksoysal D., Kara Kadayıfçılar P., Project Supported by Higher Education Institutions, Elektrokimyasal Genosensörler ile DNA Hibridizasyonuna Dayalı Kalıtsal Hastalıkların ve Mikroorganizmaların Tanısı, 2007 - 2010

Ariksoysal D., Özsöz M. E. Ş. , Tünger A., TUBİTAK Project, Biyolojik Ajanların DNA Düzeyinde Tayinine Yönelik Genosensörlerin Geliştirilmesi Proje no 107S163, 2007 - 2009

Ariksoysal D., Özsöz M. E. Ş. , Erdem Gürsan K. A. , Kara Kadayıfçılar P., Karadeniz H., TUBİTAK Project, DNA Dizilerinin Optik Piezoelektrik ve Elektrokimyasal Biyosensörler ile Algılanması Proje no 105S484, 2006 - 2009

Ariksoysal D., Özsöz M. E. Ş. , Project Supported by Higher Education Institutions, DNA da meydana gelen bazı mutasyonların ve hibridizasyonun tayinine yönelik elektrokimyasal DNA biyosensörlerinin tasarımı BAP 04 ECZ 013, 2004 - 2007

Ariksoysal D., Erdem Gürsan K. A. , Bişkin E., Özsöz M. E. Ş. , Güven G., Karadeniz H., Kara Kadayıfçılar P., Gülmez B., Şahinci F., Sayar F., TUBİTAK Project, Elektrokimyasal DNA biyosensörlerinin Genosensörlerin tasarımında kullanılan yeni teknikler ve uygulamaları Proje No TBAG 2233 veya 102T161, 2003 - 2005

Ariksoysal D., Özsöz M. E. Ş. , Erdem Gürsan K. A. , Kara Kadayıfçılar P., Karadeniz H., TUBİTAK Project, Kalıtsal ve bulaşıcı hastalıkların elektrokimyasal DNA biyosensörleriyle saptanması TÜBİTAK TBAG 2161 102T051, 2002 - 2005

Ariksoysal D., Erdem Gürsan K. A. , Kerman K., Meriç B., Kara Kadayıfçılar P., Özsöz M. E. Ş. , TÜBİTAK International Bilateral Joint Cooperation Program Project, Electrochemical DNA Biosensors for the detection of infectious and inherited diseases considering public health and environmental, 2002 - 2005

Ariksoysal D., Özsöz M. E. Ş. , Project Supported by Higher Education Institutions, Elektrokimyasal hibridizasyon indikatörleri ve DNA biyosensörlerinde kullanılmasının incelenmesi 95 ECZ 010, 2000 - 2003

Scientific Refereeing

BIOSENSORS & BIOELECTRONICS, SCI Journal, October 2019

Biosensors & Bioelectronics, SCI Journal, September 2019

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, September 2019

BIOSENSORS & BIOELECTRONICS, SCI Journal, August 2019

ANADOLU ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ C- YAŞAM BİLİMLERİ VE BİYOTEKNOLOJİ, National Scientific Refreed Journal, July 2019

Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, March 2019

Cumhuriyet Science Journal, National Scientific Refreed Journal, November 2018

Analytical and Bioanalytical Chemistry, SCI Journal, November 2018

Talanta, SCI Journal, September 2018

Biosensors and Bioelectronics, SCI Journal, September 2018

Turkish Journal of Chemistry, SCI Journal, September 2018

Analytical and Bioanalytical Chemistry, SCI Journal, August 2018

Sensors and Actuators B Chemical , SCI Journal, April 2018

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, March 2018

Analytical and Bioanalytical Chemistry, SCI Journal, March 2018

Sakarya University Journal of Science, National Scientific Refreed Journal, January 2018
Sensors and Actuators B Chemical, SCI Journal, January 2018
Project Supported by Higher Education Institutions, January 2018
Analytical and Bioanalytical Chemistry, SCI Journal, December 2017
Biosensors and Bioelectronics, SCI Journal, November 2017
Sensors and Actuators B Chemical, SCI Journal, November 2017
Biosensors and Bioelectronics, SCI Journal, August 2017
Analytical and Bioanalytical Chemistry, SCI Journal, July 2017
Biosensors and Bioelectronics, SCI Journal, June 2017
Analytica Chimica Acta, SCI Journal, June 2017
Sensors and Actuators B Chemical, SCI Journal, May 2017
Korean Journal of Chemical Engineering, SCI Journal, May 2017
Sensors and Actuators B Chemical, SCI Journal, April 2017
Sensors and Actuators B Chemical, SCI Journal, March 2017
Biosensors and Bioelectronics, SCI Journal, March 2017
Analytical and Bioanalytical Chemistry, SCI Journal, January 2017
Analytical Methods, SCI Journal, August 2016
Analytical and Bioanalytical Chemistry, SCI Journal, May 2016
Analytica Chimica Acta, SCI Journal, April 2016
Sensors and Actuators B Chemical, SCI Journal, March 2016
Biosensors and Bioelectronics, SCI Journal, February 2016
Analytical Letters, SCI Journal, April 2015
Chemistry Communications, SCI Journal, February 2015
BIOSENSORS & BIOELECTRONICS, SCI Journal, October 2012
SENSORS AND ACTUATORS B-CHEMICAL, SCI Journal, October 2012
SENSORS AND ACTUATORS B-CHEMICAL, SCI Journal, September 2012
BIOSENSORS & BIOELECTRONICS, SCI Journal, August 2012
BIOSENSORS & BIOELECTRONICS, SCI Journal, May 2012
CHEMICAL COMMUNICATIONS, SCI Journal, May 2012
BIOSENSORS & BIOELECTRONICS, SCI Journal, March 2012
CHEMICAL COMMUNICATIONS, SCI Journal, March 2012
CHEMICAL COMMUNICATIONS, SCI Journal, December 2011
CHEMICAL COMMUNICATIONS, SCI Journal, May 2011
LAB ON A CHIP, SCI Journal, March 2011
SENSORS AND ACTUATORS B-CHEMICAL, SCI Journal, February 2011
ANALYTICAL CHEMISTRY, SCI Journal, November 2010
ELECTROANALYSIS, SCI Journal, August 2010
LANGMUIR, SCI Journal, February 2010
ANALYTICAL CHEMISTRY, SCI Journal, January 2010
DYES AND PIGMENTS, Journal Indexed in SCI-E, June 2009

Tasks In Event Organizations

Ariksoysal D., 2nd BIOMATSEN International Congress on Biomaterials & Biosensors, Scientific Congress, İstanbul, Turkey, Haziran 2016
Ariksoysal D., 2nd International Congress on Biosensors, Scientific Congress, İzmir, Turkey, Haziran 2015
Ariksoysal D., 14. Ulusal Kromatografi Kongresi, Scientific Congress, İzmir, Turkey, Mayıs 2014
Ariksoysal D., 9th International Electrochemistry Meeting, Scientific Congress, İzmir, Turkey, Eylül 2011
Ariksoysal D., Emin Dikman 1. Uygulamalı Elektrokimya Yaz Okulu , Science / Art Camp or Summer School Organization, İzmir, Turkey, Eylül 2010

Ariksoysal D., 6. Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-VI), Scientific Congress, İzmir, Turkey, Haziran 2010
Ariksoysal D., II. Uluslararası Katılımlı Moleküler Tanı ve Uygulamaları Sempozyumu, Scientific Congress, İzmir, Turkey, Mayıs 2004
Ariksoysal D., Erdem Gürsan K. A. , Moleküler Tanı ve Uygulamaları Yaz Okulu, Science / Art Camp or Summer School Organization, İzmir, Turkey, Mayıs 2002

Mobility Activity

Research Scholarship Program, Research During Graduate Education, Universita Degli Studi di Firenze, Italy, 2002 - 2002

Invited Congress and Symposium Activities

T.C. Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu, Türk Farmakopesi Uyumlaştırma Çalışması Toplantısı, Attendee, Ankara, Turkey, 2017
T.C. Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu, Türk Farmakopesi Çalıştayı, Attendee, İzmir, Turkey, 2017
BIOMATSEN International Congress on Biomaterials & Biosensors, Invited Speaker, İstanbul, Turkey, 2016
10. Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-10), Invited Speaker, İstanbul, Turkey, 2014
14. Ulusal Kromatografi Kongresi, Attendee, İzmir, Turkey, 2014
Kimyasal Silahlar Sözleşmesi 5. Ulusal Makamlar Yıllık Toplantısı, Invited Speaker, Leiden, Netherlands, 2003

Citations

Total Citations (WOS):2416
h-index (WOS):27

Invited Talks

Nanobiosensors in Clinical Chemistry, Conference, Gebze Teknik Üniversitesi, Turkey, June 2016

Scholarships

İtalya- Floransa Üniversitesi Kimya Bölümü "Toksik moleküllerin tayini için elektrokimyasal DNA biyosensörlerinin tasarımı" konusunda eğitim bursu, Other International Organizations, 2002 - Continues

Awards

ARIKSOYSAL D., Özgün Çözümler Proje Pazarı ve Yarışması 2009, üçüncülük ödülü, "Telomeraz enzim aktivitesinin tayini için genosensör tasarımı", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), December 2009
ARIKSOYSAL D., Proje Sergisi 2004, birincilik ödülü, "Elektrokimyasal Genosensör Teknolojisi ile Herpes Simplex Tip1 ve Tip2 Virüslerinin Birbirinden Ayırımı", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), November 2004
ARIKSOYSAL D., Proje Sergisi 2004, mansiyon ödülü, "Antikanser İlaç Mitomisin C'nin DNA ile Etkileşmesinin Elektrokimyasal Genosensörlerle Tayini", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), November 2004

ARIKSOYSAL D., Proje Sergisi 2003, ikincilik ödülü, "DNA Hibridizasyonunun altın nanopartiküllere dayalı elektrokimyasal biyosensörlerle algılanması", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), October 2003

ARIKSOYSAL D., Proje Sergisi 2002, birincilik ödülü, "İndikatörsüz elektrokimyasal genosensör ile akondroplazi G380R mutasyonunun allel özgül genotip tayini", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), November 2002

ARIKSOYSAL D., Proje Sergisi 2002, ikincilik ödülü, "Altın elektrot yüzeyinde düzenli peptid nükleik asit tabakası ve metilen mavisine dayalı elektrokimyasal DNA hibridizasyonu tayini", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), November 2002

ARIKSOYSAL D., Proje Sergisi 2001, birincilik ödülü, "Elektrokimyasal DNA biyosensörleri kullanarak PCR ürünü örneklerden bulaşıcı ve kalıtsal hastalıkların tanısı", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), October 2001

ARIKSOYSAL D., Proje Sergisi 2000, ikincilik ödülü, "Çevre kirliliğine neden olan *Microcystis* spp. Mikroorganizmalarının tayini için elektrokimyasal DNA biyosensörü tasarımı", Ege Üniversitesi, Bilim Teknoloji Uygulama ve Araştırma Merkezi (EBİLTEM), October 2000